

Title (en)
Electric Power Generator Device

Title (de)
Stromversorgungssystem

Title (fr)
Dispositif pour génération d'énergie électrique

Publication
EP 2546965 A2 20130116 (EN)

Application
EP 12170926 A 20120606

Priority
TW 100124447 A 20110711

Abstract (en)
An electric power generator device includes: a dynamic force source device for generating a dynamic force driving a rotor of a generator to perform a rotary motion via moment transmission mechanism; the generator for generating an electric power, the generator including the rotor; the moment transmission mechanism disposed between the dynamic force source device and the rotor of the generator and adapted to lengthen a moment arm between a point of application of the dynamic force and the rotor, such that the moment arm thus lengthened allows the dynamic force transmission mechanism to impose a moment amplifying effect on the rotor, thereby driving in a labor-saving manner the rotor to perform the rotary motion.

IPC 8 full level
H02K 53/00 (2006.01)

CPC (source: EP US)
H02K 7/116 (2013.01 - EP US); **H02K 53/00** (2013.01 - EP US)

Citation (applicant)
US 2011006533 A1 20110113 - SEYMOUR EUGENE GEORGE [US]

Cited by
EP3386081A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2546965 A2 20130116; EP 2546965 A3 20170621; CN 102882311 A 20130116; TW 201304364 A 20130116; US 2013015668 A1 20130117

DOCDB simple family (application)
EP 12170926 A 20120606; CN 201110461950 A 20111231; TW 100124447 A 20110711; US 201213433808 A 20120329